100/1000 Base-TX TRNASFORMER MODULES

Meisongbei

- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3 standard for 1000 BASE-T.
- Compliance with ROHS requirements
- Operating Temp: -40°C to +85°C
- Storage Temp: -55°C to +125°C

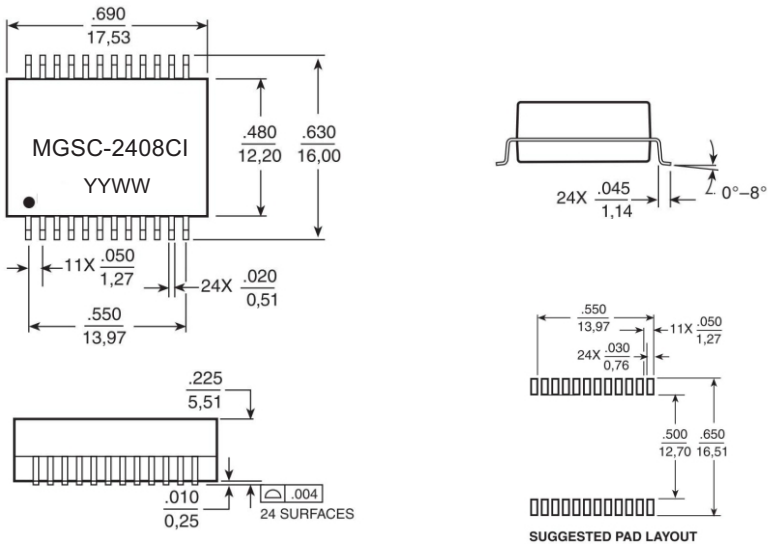
Electrical Specifications @25°C

Part Number	OCL(uH Min) @ 100kHz, 100mV 8mA	Leakage primary (uH Max) @ 100kHz, 100mV	Turns Ratio (±2%)		Cww (Pri:Sec)	Insertion Loss (dB Max)
			TX	RX		1-100MHz
MGSC-2408CI	350	0.5	1CT:1CT	1CT:1CT	35pF Typ	-1.2

Electrical Specifications @25°C

Part Number	Return Loss (dB Min)				DMRR (dB Min)		Cross Talk (dB Min)	Isolation HI-POT
	1-30MHz	40MHz	50MHz	60-100MHz	1-60MHz	60-100MHz	1-100	(Vrms)
MGSC-2408CI	-18	-14.4	-13	-12	-40	-35	-40	1500

MECHANICAL



SCHEMATICS

